

MAR 31 1982



Registered U.S. TM of Tenneco Inc.

(Approved by U.S. Department of Labor as "essentially similar" to FORM OSHA-20)

NUMBER

3178

MATERIAL SAFETY DATA SHEET

FEB 09 1982

SECTION I IDENTIFICATION OF PRODUCT

MANUFACTURER'S NAME Tenneco Chemicals, Inc.		EMERGENCY TELEPHONE NO. (201) 763-7173
ADDRESS Turner Place, P. O. Box 365, Piscataway, N. J. 08854		
TRADE NAME AND SYNONYMS AQUASPERSE®* 877-2522 Hansa Yellow G Color Dispersion		
CHEMICAL NAME AND SYNONYMS Pigment Dispersion		
CHEMICAL FAMILY Mixture	MOLECULAR FORMULA Not applicable	MOL. WT.

®* Registered U. S. Trademark of Tenneco Chemicals, Inc.

SECTION II HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	%	THRESHOLD LIMIT VALUE	COMPONENT	%	THRESHOLD LIMIT VALUE
Mixed Glycols	5-63	(UNITS) None established*			(UNITS)
Tributyl Phosphate	1-2	5 mg/m ³ **			
*ACGIH, 1978, has published a TLV of 100 ppm for ethylene glycol, a major component of the mixed glycols.					
**ACGIH, 1978.					

SECTION III PHYSICAL DATA

APPEARANCE AND ODOR A fluid tint base for paints. Color varies depending upon final tint desired. Mild, glycol-like odor.	
BOILING POINT (DEGREES FAHRENHEIT) Greater than 212°F	MELTING POINT (DEGREES FAHRENHEIT) Not applicable
VAPOR PRESSURE (MM. OF MERCURY) 17 mm of Hg at 20°C	SPECIFIC GRAVITY (WATER = 1) Greater than 1
VAPOR DENSITY (AIR = 1) Greater than 1	PERCENT VOLATILE (BY WEIGHT) 20-80%
SOLUBILITY IN WATER Appreciable	EVAPORATION RATE (BUTYL ACETATE = 1) Slower than 1

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT) O Greater than 230 F setaflash	FLAMMABLE LIMITS (PERCENT BY VOLUME) LOWER UPPER Not available.
FIRE EXTINGUISHING MEDIA Water spray, foam, carbon dioxide or dry chemical.	
SPECIAL FIRE-FIGHTING PROCEDURES Burning may produce irritating or toxic metal fume, hydrogen chloride or oxides of carbon, nitrogen or sulfur. Wear self-contained breathing apparatus to fight fire.	
UNUSUAL FIRE AND EXPLOSION HAZARDS Exposure to heat builds up pressure in closed containers. Cool with water stream.	

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Structure--see Section II

EFFECTS OF OVEREXPOSURE CAUTION--May be harmful if swallowed. Ingestion or inhalation of vapors in excess of the TLV for ethylene glycol may cause drunkenness, coma and kidney damage. Irritating to eyes and skin. Excessive exposure may cause long term chronic effects.

AGENCY AND FIRST AID PROCEDURES

In case of excessive inhalation, move to fresh air, give artificial respiration or oxygen, if needed. If swallowed, induce vomiting if conscious--call a physician. In case of eye contact, flush eyes with water for 15 minutes--call a physician. For skin contact, wash with soap and water.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (Materials to avoid)

Strong oxidants.

HAZARDOUS DECOMPOSITION PRODUCTS Burning may produce irritating or toxic metal fume, hydrogen chloride or oxides of carbon, nitrogen or sulfur.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Cover with inert, absorbent material. Remove to disposal container. Observe local, state and federal laws.

FASTEST DISPOSAL METHOD

Observe local, state and federal laws. Do not contaminate any lakes, streams, ponds or underground water supply.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) If exposure exceeds TLV's for tributyl phosphate or ethylene glycol, use appropriate NIOSH-approved respirator.

VENTILATION	LOCAL EXHAUST Recommended	SPECIAL
	MECHANICAL (General) Recommended	OTHER

PROTECTIVE GLOVES Impermeable gloves to minimize skin contact.

EYE PROTECTION Chemical splash goggles or face shield.

OTHER PROTECTIVE EQUIPMENT

Eye wash fountain, safety shower. Wash contaminated clothing before reuse.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

CAUTION: May be harmful if swallowed.
Breathing vapor or mist may be harmful.
Use with adequate ventilation.
Avoid eye and skin contact.
Keep from sources of heat or open flames.

DATE October 1, 1979	NAME AND TITLE P. M. Reed, Corp. Mgr., Prod. Regulatory Services	SHEET NUMBER 3178
-------------------------	---	----------------------